# CUMULATIVE INDEX OF AUTHORS FOR 1973


Ackerman, A. B., 207
Adachi, M., 331
Agudelo, C. A., 265
Aisenberg, A. C., 301
Allegra, S. R., 419
Alsruhe, J. P., 349
Archer, V. E., 487
Auerbach, O., 487

Ball, W. C., Jr., 521
Baron, D. N., 149
Baylor, S. M., 537
Benson, E. S., 2, 4
Berg, J. W., 537
Bhagavan, B. S., 289
Blythe, J. G., 595
Bradley, G. M., 2
Bradley, W., 85
Broderick, P. A., 419
Brooks, S. H., 17
Brown, J. R., 319
Brown, P. A., 437, 444
Buchsbaum, H. J., 595

Cara, J., 331
Carter, D., 521
Caruso, M. G., 231
Clark, W. H., 153, 157, 165, 187, 201, 219, 231, 395
Clayson, K. J., 67
Cole, G. W., 85
Cowley, R. A., 89
Curran, R. C., 149

Dees, J. H., 89
Derman, H., 443, 447
Di Silvio, T. V., 41
Dito, W. R., 41
Dorsey, D. B., 439, 445
Drill, V. A., 454

Elveback, L., 9
Erozan, Y. S., 521

Ferrans, V. J., 111
Florida, R. G., 381
Frost, J. K., 521

Garbus, J., 89
Garfinkel, D., 79
Geller, S. A., 241
Goldberg, I. J. L., 1
Gordon, H. W., 431
Grisham, J. W., 461
Gupta, P. K., 521

Hanrahan, J. B., 381
Hollander, D. H., 521

Johnson, E. A., 5
Jones, R. T., 89

Kaufmann, W., 441, 447
Kim, K. M., 89
Koss, L. G., 289

Lacy, P. E., 461
Levin, M. L., 521
Liteplo, M. G., 395

Mancall, E., 513
Mark, G. J., 395
Mergner, W. J., 89
Mihm, M. C., 157, 165, 187, 201, 219, 231, 395
Miller, R., Jr., 431
Mittman, C., 431

Patchefsky, A., 289
Pendergrass, R. E., 89
Pfitzer, E. A., 601
Price, H. M., 381

Rawnsley, H. M., 4
Reed, R. J., 153, 157, 165, 187, 201, 207, 219, 231, 395
Riddick, J. H., Jr., 31
Robbins, S. L., 456
Roberts, W. C., 111

Roby, R. J., 67
Roskes, S. D., 349
Rüttner, J. R., 497

Saccomanno, G., 487
Saldana, M. J., 251
Salem, L. E., 251
Saunders, R. P., 487
Schneck, L., 331
Schumacher, H. R., 265
Scully, R. E., 602
Slusser, R. J., 349
Spear, G. S., 349
Spycher, M. A., 497
Sticher, H., 497
Strandjord, P. E., 67
Sunderman, F. W., Jr., 549
Swarm, R. L., 459, 601

Tedeschi, C. G., 281
Thurlbeck, W. M., 150
Totten, R. S., 453
Towbin, A., 583
Travezan, R., 251
Trump, B. F., 89

Valigorsky, J. M., 89
Valsamis, M. P., 513
Volk, B. W., 331

Ward, P. C. J., 2, 47
Werner, M., 17
Wette, R., 17
Wright, C. J. E., 305

Yeh, S., 469

# CUMULATIVE INDEX OF SUBJECTS FOR 1973


Actinomycosis, human, 319–330
Adventitial dermis, pathology of, 207–217
Airways, small, disease of, 150–152
Alcohol, cerebellar degeneration and, 516
Arsenical keratosis, cancer and, 472
Arsenical skin cancer, blackfoot disease and, 483–484
  epidermoid carcinoma and, 474
Arsenicism, chronic, skin cancer in, 469–485
    pathology of, 472
Arthritis, acute gouty, synovitis in, light and electron microscopic study of, 265–279
Asthma, bronchial, mucociliary blanket and, 525
Atomic absorption spectrometry, of trace metals, in clinical pathology, 549–582

Basal cell carcinoma, arsenical skin cancer and, 474
Binary coded decision making, desk top calculators and, 41–45
Biochemical rhythms, and spacial phenomena, 281–287
Blackfoot disease, arsenical skin cancer and, 483–484
Bowen's disease, arsenical skin cancer and, 476
Brain death syndrome, respirator, 583–594
Breast, carcinoma of, subareolar duct papillomatosis and, 289–295
Bronchial asthma, mucociliary blanket and, 525

Calculators, desk top, binary coded decision making and, 41–45
Canavan's disease, 331–347
Cancer, arsenical keratosis and, 472
  ovarian, epidemiologic pathology of, 537–547
  skin, in chronic arsenicism, 469–485
Carcinogens, environmental, carcinoma of lung and, 487–495
Carcinoma, basal cell, arsenical skin cancer and, 474
  embryonal cell, of ovary, 595–599
    histologic characteristics of, 598
  epidermoid, arsenical skin cancer and, 474
  intraepidermal, arsenical skin cancer and, 476
  mammary, subareolar duct papillomatosis and, 289–295
  medullary, of lung, with amyloid stroma, medullary carcinoma of thyroid and, 431–436
  of lung, environmental carcinogens and, 487–495
Cardiac failure, in respirator brain death syndrome, 586
Cardiac myxomas, structural features of, 111–146
Carotid body tumors, high altitude hypoxia and, 251–263
  terminology of, 453–454
Cellular change, in human disease, pathological analysis in, 89–109
Central nervous system, spongy degeneration of, 331–347
    biochemical aspects of, 344
    experimental studies of, 342
    genetic aspects of, 334–336
    pathologic findings in, 336–342
Cerebellar degeneration, toxic, 513–520
Cerebral arterial occlusion, in respirator brain death syndrome, 586
Cerebral venous infarction, in respirator brain death syndrome, 586, 592
Chemical profiles, of disease, 47–65
Chemodectomas, high altitude hypoxia and, 251–263
Childhood, idiopathic hematuria of, 349–380
Chromium, atomic absorption spectrometry in analyses for, 566
Circadian challenges, in "quality control," 281–287
Clinical enzymology, contributions of computer simulation to, 79–84
Clinical laboratory data analyses, improved, basic considerations of needs for, 5–8
Clinical pathology, in new individualized medical school curriculum, 2–3
Collagenoses, cutaneous, 165–186
Collagenosynthesis, intracytoplasmic, in desmoid fibroblastoma, light and ultrastructural study in, 419–429
Computer assisted pattern recognition, diagnosis of liver disease and, 67–77
Computer simulation, contributions of, to clinical enzymology, 79–84
Congenital melanocytic nevi, of small and garment type, 395–418
Congenital nevi, malignant melanoma and, 415
Congestive heart failure, in respirator brain death syndrome, 586
Contraceptives, oral, thromboembolic disease and, 454–456
Copper, analyses of, in Menkes' kinky hair syndrome, 556
    in Wilson's disease, 555
  atomic absorption spectrometry in analysis for, 556
  deficiency of, in adults, 556
Copper intoxication, serum and urine copper analyses in, 555
Cost-effective laboratory testing, strategy for, 17–30

Curriculum, medical school, clinical pathology in, 2–3
Curschmann spiral, as indicator of respiratory tract disease, 526
Cutaneous collagenoses, 165–186
Cutaneous elastoses, 187–199
Cutaneous mucinoses, 201–205
Cutaneous pathology, systemic disease and, anatomic considerations in, 155

Data analyses, clinical laboratory, improved, basic considerations of needs for, 5–8
Decision making, binary coded, desk top calculators and, 41–45
Dermatomyositis, and lupus erythematosus, histologic differentiation between, 163
Dermis, adventitial, pathology of, 207–217
Desmoid fibroblastoma, light and ultrastructural study in, 419–429
Dilantin, Purkinje cell damage and, 516
Disease, human, cellular change in, pathological analysis in, 89–109
  chemical profiles of, 47–65
Duct, subareolar, papillomatosis of, mammary carcinoma and, 289–295

Elastoses, cutaneous, 187–199
Electron microprobe, in analyses of lung residue, in interstitial pulmonary fibrosis, 510
Embryonal cell carcinoma, of ovary, 595–599
End Results Group studies, of ovarian cancer, 539
Endodermal sinus tumor, of ovary, 595–599
Environmental carcinogens, carcinoma of lung and, 487–495
Environmental factors, human disease and, 601–602
Environmental pathology, pathologists and, 461–467
  training for study of, 465
Enzymology, clinical, contributions of computer simulation to, 79–84
Epidermoid carcinoma, arsenical skin cancer and, 474
Epithelium, respiratory, toxic inhalants and, 527
Exertion rhabdomyolysis, extreme, histopathologic study of, 241–250

Fibroblastoma, desmoid, light and ultrastructural study in, 419–429
Fibrosis, interstitial pulmonary, etiologic agents in, detection of, 497–512

Glycogen, intracellular, in desmoid fibroblastoma, 428
Gouty arthritis, acute, synovitis of, light and electron microscopic study of, 265–279

Hair, atomic absorption spectrometry in analyses of, 571
Healthy persons, population of, as source of reference information, 9–16
Heart failure, congestive, in respirator brain death syndrome, 586
Hematocrit, in carotid body tumors, 256
Hematuria, idiopathic, of childhood, 349–380
Hemoglobin, arterial blood, in carotid body tumors, 256
Hepatic disease, diagnosis of, computer assisted pattern recognition and, 67–77
  SGOT and SLDH-SGOT ratio in, 85–88
Hepatolenticular degeneration, copper analyses in, 555
Hodgkin's disease, copper analyses in, 556
Hoffman method, for establishing criteria for "healthy," 13
Hospital admission laboratory profile, interpretation of, 85–88
Hospital laboratories, individual, consolidated clinical laboratories and, 437–448
Human disease, cellular change in, pathological analysis in, 89–109
Hypogeusia, zinc analyses in, 559
Hypoxia, high altitude, chemodectomas and, 251–263

Illness, unsuspected, screening for, 6
Immunoglobulins, on surface of human lymphocytes, 301
Infarction, cerebral venous, in respirator brain death syndrome, 586, 592
  pituitary, in respirator patients, 591
Information, reference, population of healthy persons as source of, 9–16
Inhalation, toxic environmental, pulmonary cytologic alterations in, 521–536
Interstitial pulmonary fibrosis, etiologic agents in, detection of, 497–512
  mineralogic and chemical analyses of lung residue in, 501–510
Intracranial venous thrombosis, in respirator brain death syndrome, 586
Iron, atomic absorption spectrometry in analyses for, 564

Keratosis, arsenical, cancer and, 472
Kinky hair syndrome, Menkes', copper analyses in, 556

Laboratories, consolidated clinical, individual hospital laboratories and, 437–448
Laboratory data, evaluation of, quality control programs and, 31–40
Laboratory data analyses, clinical, improved, basic considerations of needs for, 5–8
Laboratory profile, hospital admission, interpretation of, 85–88
Laboratory testing, cost-effective, strategy for, 17–30
Lead, atomic absorption spectrometry in analyses for, 561
Leg, chronic ulcers of, zinc analyses in, 559
Leukemia, mast cell, histologic features of, 237
Liver disease, diagnosis of, computer assisted pattern recognition and, 67–77

Lung, carcinoma of, environmental carcinogens and, 487–495
cytologic alterations in, in toxic environmental inhalation, 521–536
medullary carcinoma of, with amyloid stroma, medullary carcinoma of thyroid and, 431–436
Lupus erythematosus, acute systemic, 161–162
and dermatomyositis, histologic differentiation between, 163
chronic discoid, 158–161
cutaneous lesions of, histopathology of, 157–163
Lymphocytes, human, immunoglobulins on surface of, 301

Macrophage, respiratory, toxic inhalants and, 522–525
Malakoplakia, of skin, calcium laden cytoplasmic bodies in, morphogenesis of, 381–394
Malignant melanoma, congenital nevi and, 415
Mammary carcinoma, subareolar duct papillomatosis and, 289–295
Mast cell infiltrates, of skin, mastocytosis syndrome and, 231–239
Mast cells, desmoid fibroblastoma and, 428
Mastocytosis syndrome, mast cell infiltrates of skin and, 231–239
Medical school curriculum, clinical pathology in, 2–3
Melanocytic nevi, congenital, of small and garment type, 395–418
Melanoma, malignant, congenital nevi and, 415
Menkes' kinky hair syndrome, copper analyses in, 556
Mercury, cerebellar degeneration and, 515
Metals, trace, atomic absorption spectrometry of, in clinical pathology, 549–582
Michaelis-Guttmann bodies, in malakoplakia of skin, 386
origin of, 390
Microprobe, electron, in analyses of lung residue, in interstitial pulmonary fibrosis, 510
Mucinoses, cutaneous, 201–205
Mucociliary blanket, toxic inhalants and, 525–527
Myxomas, cardiac, structural features of, 111–146

Necrobiosis lipoidica, histopathologic findings in, 174
Necrosis, brain, in respirator brain death syndrome, 584
Nervous system, central, spongy degeneration of, 331–347. See also *Central nervous system.*
Nevi, congenital, malignant melanoma and, 415
congenital melanocytic, of small and garment type, 395–418
Nickel, atomic absorption spectrometry in analyses for, 567

Occlusion, cerebral arterial, in respirator brain death syndrome, 586
Ovarian cancer, End Results Group studies of, 539
epidemiologic pathology of, 537–547
need for uniform terminology for, 602–603
Ovary, embryonal cell carcinoma of, 595–599

Panniculus adiposus, disorders of, 219–229
Papillomatosis, of subareolar duct, mammary carcinoma and, 289–295
Pathology, American "balloon" of, 456–458
clinical, in new individualized medical school curriculum, 2–3
environmental, pathologists and, 461–467
Pathology services, consolidation and regionalization of, 1–2
Pattern recognition, computer assisted, diagnosis of liver disease and, 67–77
Pituitary infarction, in respirator patients, 591
Pseudolymphoma, of stomach, 305–318
Pulmonary carcinoma, environmental carcinogens and, 487–495
Pulmonary cytologic alterations, in toxic environmental inhalation, 521–536
Pulmonary fibrosis, interstitial, etiologic agents in, detection of, 497–512
Purkinje cell damage, alcohol and, 518
Dilantin and, 516

Quality control, circadian challenges in, 281–287
Quality control programs, evaluation of laboratory data and, 31–40

Reference information, population of healthy persons as source of, 9–16
Respirator brain death syndrome, 583–594
Respiratory epithelium, metaplasia of, 528
toxic inhalants and, 527
Reticulosis, malignant mastocytic, histologic features of, 237
Rhabdomyolysis, extreme exertion, histopathologic study of, 241–250
Rhythms, biochemical, and spacial phenomena, 281–287
Royal College of Pathologists, objectives and functions of, 149–150

Screening techniques, results with, in patients with respiratory disease, 532–535
Services, pathology, consolidation and regionalization of, 1–2
SGOT and SLDH-SGOT ratio, in diagnosis of hepatic disease, 85–88
Skin, cancer of, in chronic arsenicism, 469–485
malakoplakia of, calcium laden cytoplasmic bodies in, morphogenesis of, 381–394
mast cell infiltrates of, mastocytosis syndrome and, 231–239
Small airways disease, 150–152
Spectrometry, atomic absorption, of trace metals, in clinical pathology, 549–582
Sputum collection, techniques for, in patients with respiratory disease, 530–532
Stomach, pseudolymphoma of, 305–318
Subareolar duct, papillomatosis of, mammary carcinoma and, 289–295
Synovial fluid, cells of, in acute gouty arthritis, light and electron microscopic study of, 269
Synovial membrane, in acute gouty arthritis, light and electron microscopic study of, 269
Synovitis, of acute gouty arthritis, light and electron microscopic study of, 265–279

Telangiectasia macularis eruptiva perstans, differential diagnosis in, 238
histologic and clinical features of, 233
Terminology, uniform, for ovarian cancer, need for, 602–603
Testing, laboratory, cost-effective, strategy for, 17–30
Thromboembolic disease, oral contraceptives and, 454–456
Thrombosis, intracranial venous, in respirator brain death syndrome, 586
Thyroid, medullary carcinoma of, medullary carcinoma of lung and, 431–436
Tophi, in synovial tissues, in acute gouty arthritis, 276
Trace metals, atomic absorption spectrometry of, in clinical pathology, 549–582
Tumors, carotid body, high altitude hypoxia and, 251–263
terminology of, 453–454
Ulcer, chronic, of leg, zinc analyses in, 559
Urticaria pigmentosa, histologic and clinical features of, 234

Van Bogaert-Canavan disease, 331–347. See also *Central nervous system, spongy degeneration of.*

Wilson's disease, copper analyses in, 555

Zinc, analyses for, atomic absorption spectrometry in, 559
in juvenile zinc deficiency, 559